

## ABSTRACT

An active matrix organic electro-luminescent display (AMOELD) panel comprising a substrate, a pixel structure, an organic light-emitting layer and a cathode pattern layer is provided. The pixel structure layer is disposed over the substrate. The pixel structure layer further comprises an active device matrix and an anode pattern layer. The organic light-emitting layer covers at least the anode pattern layer and comprises at least a first organic light-emitting pattern, at least a second organic light-emitting pattern and at least a third organic light-emitting pattern. The cathode pattern layer is disposed on the organic light-emitting layer. The cathode pattern layer comprises a first cathode pattern disposed on the first organic light-emitting pattern, a second cathode pattern disposed on the second organic light-emitting pattern and a third cathode pattern on the third organic light-emitting pattern. Furthermore, the first, the second and the third cathode pattern are not connected to each other.